(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization International Bureau





(43) International Publication Date 6 May 2004 (06.05.2004)

PCT

(10) International Publication Number WO 2004/037939 A1

(51) International Patent Classification⁷: C09J 133/06, 123/08

(21) International Application Number:

PCT/US2003/027671

(22) International Filing Date:

2 September 2003 (02.09.2003)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data: 2002-307222

22 October 2002 (22.10.2002) JF

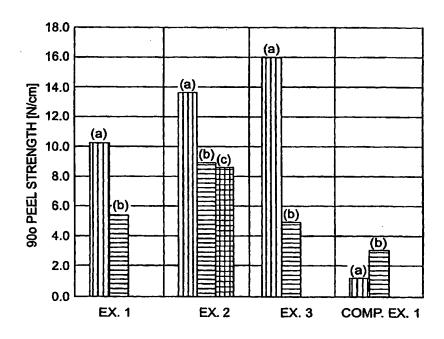
- (71) Applicant (for all designated States except US): 3M IN-NOVATIVE PROPERTIES COMPANY [US/US]; 3M Center, Post Office Box 33427, Saint Paul, MN 55133-3427 (US).
- (72) Inventors; and
- (75) Inventors/Applicants (for US only): TORIUMI, Naoyuki [JP/JP]; 5-5-402 Matsugae-cho, Sagamihara-city, Kanagawa 228-0813 (JP). KAWATE, Kohichiro [JP/JP]; 8-13-12, Tamagawagakuen, Machida-city,

Tokyo 194-0041 (JP). FUJITA, Jun [JP/JP]; 49-9, Wakabadai 1-chome, Inagi-city, Tokyo 206-0824 (JP). ISHII, Shigeyoshi [JP/JP]; 2392-6, Kobiki-machi, Hatiouji-city, Tokyo 193-0934 (JP).

- (74) Agents: FLORCZAK, Yen Tong, et al.; Office of Intellectual Property Counsel, Post Office Box 33427, Saint Paul, MN 55133-3427 (US).
- (81) Designated States (national): AE, AG, AL, AM, AT (utility model), AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ (utility model), CZ, DE (utility model), DE, DK (utility model), DK, DM, DZ, EC, EE (utility model), EB, ES, FI (utility model), FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK (utility model), SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.
- (84) Designated States (regional): ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM),

[Continued on next page]

(54) Title: HEAT-CURABLE ADHESIVE COMPOSITION



(57) Abstract: The present invention provides a heat-curable adhesive composition comprising ethylene-glycidyl (meth)acrylate copolymer, low density polyethylene, ethylene-a-olefin copolymer, and a heat curing agent for the ethylene-glycidyl (meth)acrylate copolymer.